05-03.04

JENKINS pater WILSON Apri &TAYLOR

patent attorneys
April 30, 2004



"Express Mail" mailing number: EV478025669US

Date of Deposit April 30, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313,1450.

Shaylor E. Dunn

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWL®

*CHRIS PERKINS, PH.D.

**JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL SOROJINI BISWAS

"LICENSED ONLY IN KY

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/541,853 for EDGE DEVICE AND

METHOD FOR INTERCONNECTING SS7 SIGNALING POINTS (SPs) USING EDGE DEVICE

Our File No. 1322/9

Sir:

Please find enclosed in connection with the subject U.S. patent enclos

An Amendment A (22 pages);

MAY 0 6 2004

2. Three (3) sheets of Replacement Drawings;

Technology Center 2600

- 3. An Amendment Transmittal (2 pages) in duplicate;
- 4. A Supplemental Information Disclosure Statement (4 pages);
- 5. Form PTO-1449 in duplicate;
- 6. Copies of ten (10) documents referenced in the Supplemental Information Disclosure Statement:
- 7. Fee Transmittal (Form PTO/SB/17) in duplicate;
- 8. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon; and
- 9. A Certificate of Express Mail No.: EV478025669US.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. <u>50-0426</u>.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

GAH/sed

Enclosures

Registration No. 41,085 Customer No.: 25297

tel 919.493.8000 fox 919.419.0383 Jenkins, Wilson & Taylor, P.A. JenkinsWilsonTaylor.com University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Miller	et al.
-----------------------	--------	--------

Application No.: 09/541,853

Group No.: 2662

Filed: 04/03/2000

Examiner: Lee, Timothy L.

For:

EDGE DEVICE AND METHOD FOR INTERCONNECTING SS7 SIGNALING POINTS (SPs)

USING EDGE DEVICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 RECEIVED

MAY 0 6 2004

AMENDMENT TRANSMITTAL

Technology Center 2600

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is other than a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for three months:

Fee: \$950.00

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory; Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

■ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10*

☐ with sufficient postage as first class mail.

■ as "Express Mail Post Office to Addressee"

Mailing Label No. EV478025669US

(mandatory)

TRANSMISSION

☐ facsimile transmitted to the Patent and Trademark Office, (703) ___

Signature

Date: April 30, 2004

Shaylor E. Dunn

(type or print name of person certifying)

^{*} Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Co	1. 2)	(Co	1. 3)	(OTHER THAN A SMALL I			ALL ENT	TTY
	CLAIMS										
	REMAINING	HIGHE	ST NO.								
	AFTER	PREVI	OUSLY	PRE	SENT			ADDIT.			
	AMENDMENT	PAID	FOR	EX	EXTRA RATE		TE	FEE			
TOTAL	40	_	35	=	5	х	\$	18.00	=	\$	90.00
INDEP.	5	-	6	=	0	х	\$	86.00	=	\$	0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM + \$ 0.00 = \$ 0.								0.00			
								TOTAL			
							ΑI	DIT. FEE		\$	90.00

Total additional fee for claims required \$90.00

FEE PAYMENT

5. Authorization is hereby made to charge the amount of \$1,220.00 (\$950.00 for Extension of Time fee; \$90.00 for additional claims fee; and \$180.00 for submission of Information Disclosure Statement fee) to Deposit Account No. 50-0426.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

Date: April 30, 2004

Reg. No.: 41,085

Tel. No.: 001-919-493-8000

Customer No.: 25297

Signature of Practitioner

Gregory A. Hunt

Jenkins, Wilson & Taylor, P.A. Suite 1400 University Tower 3100 Tower Boulevard

Durham, NC 27707

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,220.00

Co	omplete if Known)
Application Number	09/541,853	
Filing Date	April 3, 2000	
First Named Inventor	Paul Andrew Mill	BECEIVE!
Examiner Name	Lee, Timothy L.	RECEIVE
Art Unit	2662	MAY 0 6 2004
Attorney Docket No.	1322/9	WIAT V V LUU

METH	OD OF PA	YMENT (check all th	at apply)	FEE CALCULATION (continuethnology Center					gy Center 26
Check Credit card Money Other None			3. ADDITIONAL FEES						
X Deposit	Account:	— Order —		L <u>arge</u>	Entity	Small	Entity	!	
Deposit Account	Account.	50-0426		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Number	<u></u>	30-0420		1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account Name	Jenkins	, Wilson & Taylor	r, P.A.	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
	s authorized to	o: (check all that apply)		1053	130	1053	130	Non-English specification	
	(s) indicated be		overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
		(s) or any underpayment of		1804	9201	1804	920*	Requesting publication of SIR prior to Examiner action	
		elow, except for the filing	, ,	1805	1.840°	1005	1 940*	Requesting publication of SIR after	
_	lentified deposi		,	1603	1,040	1003	1,040	Examiner action	
	FEE C	CALCULATION		1251	110	2251	55	Extension for reply within first month	<u> </u>
1. BASIC FI				1252	420	2252	210	Extension for reply within second month	i
Large Entity \$				1253	950	2253	475	Extension for reply within third month	950.00
	Fee Fee Code (\$)	Fee Description	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770	2001 385	Utility filing fee		1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340	2002 170	Design filing fee		1401	330	2401	165	Notice of Appeal	
1003 530	2003 265	Plant filing fee		1402	330	2402		Filing brief in support of an appeal	
1004 770	2004 385	Reissue filing fee	<u> </u>	1403	290	2403	145	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	,	SUBTOTAL (1) (\$)	0.00	1452	110	2452	55	Petition to revive - unavoidable	
		1453	1,330	2453	665	Petition to revive - unintentional			
2. EXTRA	CLAIM FEE	S FOR UTILITY AN		1501	1,330	2501	665	Utility issue fee (or reissue)	
		Extra Claims below		1502	480	2 502	240	Design issue fee	
Total Claims Independent	-20	** = L X	┥╪———	1503	640	2503	320	Plant issue fee	
Claims		·· = L x] =	1460	130	1460	130	Petitions to the Commissioner	
Multiple Deper	ndent	<u> </u>] =]	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee	Small Entity Fee Fee	-		1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
Code (\$)	Code (\$)	Fee Description		8021	40	8021	40	Recording each patent assignment per	
1 2 02 18	2202 9	Claims in excess of 20	o	1809	770	2809	385	property (times number of properties) Filing a submission after final rejection	
1201 86	2201 43	Independent claims in	excess of 3	1003	,,,	2003	300	(37 CFR 1.129(a))	
1203 290	2203 145			1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86	2204 43	** Reissue independe over original patent	nt claims	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18	2205 9	** Reissue claims in e		1802	900	1802		Request for expedited examination	
and over original patent			Other	foo (er	ecifu)	A ddi	of a design application tional Claims Fee	90.00	
		STOTAL (2) (\$)	0.00						
**or numbe	r previously pa	id, if greater; For Reissup:	s, see above					ee Paid SUBTOTAL (3) (\$)	1,220.00

SUBMITTED BY

Name (Print/Type)

Gregory A. Hupt

Registration No. (Attorney/Agent)

April 30, 2004

(Complete (if applicable)

Telephone 001-919-493-8000

Date April 30, 2004

WARNING information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit when the 10 minutes to file (and by the

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.